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Approved for use through 09/30/2000. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/490,370
Filing Date	January 24, 2000
First Named Inventor	Thomas R. Herble
Group Art Unit	3724
Examiner Name	Clark F. Dexter
Attorney Docket Number	

Total Number of Pages in This Submission **33**

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form (1 sheet)	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Response ^(*) <i>(5 pages)</i>	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request <i>(1 page)</i>	<input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <i>(New Declaration) (3 pages)</i>	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	1. Return Post Card
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<i>Substitute (6 sheets)</i> <i>(*) Includes New Drawings and specification (15 pages) and Mark-up of original drawing (1 page)</i>	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Keith Frantz, Reg. No. 37828
Signature	<i>Keith Frantz</i>
Date	5-21-01

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: <u>05/21/01</u>	
Typed or printed name	Keith Frantz
Signature	<i>Keith Frantz</i>
Date	5-21-01

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Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT	(\$) 195.00
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Complete if Known

Application Number	09/490,370
Filing Date	January 24, 2000
First Named Inventor	Thomas Koerble
Examiner Name	Clark F. Dexter
Group Art Unit	3724
Attorney Docket No.	

METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	
Deposit Account Name	

- ☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ **Payment Enclosed:**

☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

	Large Entity	Small Entity
1. Revenue Recognition	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.
2. Cost of Sales	Cost of sales is recognized when the revenue is recognized, and it is measured at the cost incurred to produce the goods or services.	Cost of sales is recognized when the revenue is recognized, and it is measured at the cost incurred to produce the goods or services.
3. Impairment of Financial Assets	Impairment of financial assets is recognized when there is a significant increase in the credit risk of the asset, and the impairment is measured at the difference between the carrying amount and the present value of the expected cash flows.	Impairment of financial assets is recognized when there is a significant increase in the credit risk of the asset, and the impairment is measured at the difference between the carrying amount and the present value of the expected cash flows.
4. Impairment of Non-Financial Assets	Impairment of non-financial assets is recognized when the carrying amount of the asset exceeds its recoverable amount, and the impairment is measured at the difference between the carrying amount and the recoverable amount.	Impairment of non-financial assets is recognized when the carrying amount of the asset exceeds its recoverable amount, and the impairment is measured at the difference between the carrying amount and the recoverable amount.
5. Provisions	Provisions are recognized when there is a present obligation as a result of a past event, and the amount of the provision is measured at the best estimate of the amount required to settle the obligation.	Provisions are recognized when there is a present obligation as a result of a past event, and the amount of the provision is measured at the best estimate of the amount required to settle the obligation.
6. Financial Instruments	Financial instruments are recognized when the entity has entered into a contract that gives rise to a financial asset or financial liability, and the instrument is measured at its fair value.	Financial instruments are recognized when the entity has entered into a contract that gives rise to a financial asset or financial liability, and the instrument is measured at its fair value.
7. Share-based Payments	Share-based payments are recognized when the entity has entered into a contract that gives rise to a financial asset or financial liability, and the instrument is measured at its fair value.	Share-based payments are recognized when the entity has entered into a contract that gives rise to a financial asset or financial liability, and the instrument is measured at its fair value.
8. Leases	Leases are recognized when the entity has entered into a contract that gives rise to a financial asset or financial liability, and the instrument is measured at its fair value.	Leases are recognized when the entity has entered into a contract that gives rise to a financial asset or financial liability, and the instrument is measured at its fair value.
9. Intangible Assets	Intangible assets are recognized when the entity has entered into a contract that gives rise to a financial asset or financial liability, and the instrument is measured at its fair value.	Intangible assets are recognized when the entity has entered into a contract that gives rise to a financial asset or financial liability, and the instrument is measured at its fair value.
10. Provisions	Provisions are recognized when there is a present obligation as a result of a past event, and the amount of the provision is measured at the best estimate of the amount required to settle the obligation.	Provisions are recognized when there is a present obligation as a result of a past event, and the amount of the provision is measured at the best estimate of the amount required to settle the obligation.

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
101	710	201	355	Utility filing fee
106	320	206	160	Design filing fee
107	490	207	245	Plant filing fee
108	710	208	355	Reissue filing fee
114	150	214	75	Provisional filing fee

Fee Paid

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

	Extra Claims		Fee from below	Fee Paid
Total Claims	-20** =	X	=	
Independent Claims	-3** =	X	=	
Multiple Dependent			=	

	Large Entity	Small Entity
1. Revenue Recognition	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.
2. Cost of Sales	Cost of sales is recognized when the revenue is recognized, and it is measured at the cost incurred to produce the goods or services.	Cost of sales is recognized when the revenue is recognized, and it is measured at the cost incurred to produce the goods or services.
3. Impairment of Financial Assets	Impairment of financial assets is recognized when there is a significant increase in the credit risk of the asset, and the impairment is measured at the difference between the carrying amount and the present value of the expected cash flows.	Impairment of financial assets is recognized when there is a significant increase in the credit risk of the asset, and the impairment is measured at the difference between the carrying amount and the present value of the expected cash flows.
4. Provisions	Provisions are recognized when there is a present obligation as a result of a past event, and the amount of the provision is measured at the best estimate of the amount required to settle the obligation.	Provisions are recognized when there is a present obligation as a result of a past event, and the amount of the provision is measured at the best estimate of the amount required to settle the obligation.
5. Share-based Payments	Share-based payments are recognized when the entity receives services from employees or directors in exchange for equity instruments, and the amount of the payment is measured at the fair value of the equity instruments.	Share-based payments are recognized when the entity receives services from employees or directors in exchange for equity instruments, and the amount of the payment is measured at the fair value of the equity instruments.
6. Financial Instruments	Financial instruments are recognized when the entity enters into a contract that gives rise to a financial asset or financial liability, and the instrument is measured at the fair value of the contract.	Financial instruments are recognized when the entity enters into a contract that gives rise to a financial asset or financial liability, and the instrument is measured at the fair value of the contract.
7. Leases	Leases are recognized when the entity enters into a contract that gives rise to a lease, and the lease is measured at the present value of the lease payments.	Leases are recognized when the entity enters into a contract that gives rise to a lease, and the lease is measured at the present value of the lease payments.
8. Intangible Assets	Intangible assets are recognized when the entity acquires an intangible asset that is identifiable and has a future economic benefit, and the asset is measured at the cost of acquisition.	Intangible assets are recognized when the entity acquires an intangible asset that is identifiable and has a future economic benefit, and the asset is measured at the cost of acquisition.
9. Goodwill	Goodwill is recognized when the entity acquires a business, and the amount of goodwill is measured at the difference between the cost of acquisition and the fair value of the identifiable intangible assets.	Goodwill is recognized when the entity acquires a business, and the amount of goodwill is measured at the difference between the cost of acquisition and the fair value of the identifiable intangible assets.
10. Provisions for Contingent Liabilities	Provisions for contingent liabilities are recognized when there is a present obligation as a result of a past event, and the amount of the provision is measured at the best estimate of the amount required to settle the obligation.	Provisions for contingent liabilities are recognized when there is a present obligation as a result of a past event, and the amount of the provision is measured at the best estimate of the amount required to settle the obligation.

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

*or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
105	130	205	65	Surcharge - late filing fee or oath
127	50	227	25	Surcharge - late provisional filing fee or cover sheet
139	130	139	130	Non-English specification
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination
112	920*	112	920*	Requesting publication of SIR prior to Examiner action
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action
115	110	215	55	Extension for reply within first month
116	390	216	195	Extension for reply within second month
117	890	217	445	Extension for reply within third month
118	1,390	218	695	Extension for reply within fourth month
128	1,890	228	945	Extension for reply within fifth month
119	310	219	155	Notice of Appeal
120	310	220	155	Filing a brief in support of an appeal
121	270	221	135	Request for oral hearing
138	1,510	138	1,510	Petition to institute a public use proceeding
140	110	240	55	Petition to revive - unavoidable
141	1,240	241	620	Petition to revive - unintentional
142	1,240	242	620	Utility issue fee (or reissue)
143	440	243	220	Design issue fee
144	600	244	300	Plant issue fee
122	130	122	130	Petitions to the Commissioner
123	50	123	50	Processing fee under 37 CFR 1.17(q)
126	180	126	180	Submission of Information Disclosure Stmt
581	40	581	40	Recording each patent assignment per property (times number of properties)
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))
179	710	279	355	Request for Continued Examination (RCE)
169	900	169	900	Request for expedited examination of a design application

Other fee (specify)

SUBTOTAL (3)	(\$)	195.00
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SUBMITTED BY

Name (Print/Type)	Keith Frantz
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Signature

Registration No.
(Attorney/Agent)

37828

Complete (if applicable)

Telephone	(815) 987-9820
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Date _____

5-21-01

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